CALL NO. 08-4
FOR PROFESSIONAL SERVICES
TO BE PROVIDED TO THE
CITY OF SANTA CLARA, CALIFORNIA
BY MILTON SECURITY GROUP LLC

The Parties to this Call No. 08-4 ("Call") agree that on this _____ day of _____, 2008, this Call is made pursuant to the terms of a Call Agreement between the Parties entitled, "Call Agreement by and Between the City of Santa Clara, California and "Milton Security Group LLC," dated July 17, 2007, the terms of which are incorporated by this reference. This Call describes the Services to be provided to the City of Santa Clara, California ("City") by Milton Security Group LLC ("Contractor"), which are more fully described in Contractor's proposal to City entitled "Subscriber Management and WiFi Management" dated September 26, 2008 ("Proposal"), attached to this Call as Exhibit A and incorporated by this reference. The Services to be performed under this Call shall be completed within the time period beginning on October 14, 2008, and ending on October 31, 2009. The attached Proposal contains a complete description of the Services, and performance dates for the completion of such Services, to be performed by the Contractor under this Call. In no event shall the amount paid to the Contractor for the Services provided to City by the Contractor under this Call, including all fees or pre-approved costs and/or expenses, exceed fifty three thousand nine hundred dollars ($53,900.00), subject to budgetary appropriations.

The Parties acknowledge and accept the terms and conditions of this Call as evidenced by the following signatures of their duly authorized representatives.

CITY OF SANTA CLARA, CALIFORNIA,
a chartered California municipal corporation

Approved as to Form:

_____
HELENE L. LEICHTER
City Attorney

Attest:

_____
ROD DIRIDON, JR.
City Clerk

By: _____
JENNIFER SPARACINO
City Manager

1500 Warburton Avenue
Santa Clara, CA 95050
Telephone: (408) 615-2210
Fax: (408) 241-6771

MILTON SECURITY GROUP LLC
a California Limited Liability Corporation

By: _____
JAMES McMURRY
Title: Managing Partner
Address: 2771 Malver #118
Fullerton, CA 92833
Telephone: (408) 625-7716
Facsimile: (714) 459-7489

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Subscriber Management and WiFi Management

Proposal to

City of Santa Clara

Silicon Valley Power

Sept 26, 2008

BACKGROUND:

Silicon Valley Power ("SVP") is the municipal electric utility owned by the City of Santa Clara, CA. SVP is seeking assistance from Milton Security Group LLC on an ongoing basis to assist with Subscriber Management of the WiFi network within the City of Santa Clara.

PURPOSE:

The objective is to manage all wireless assets utilizing the WiFi system SVP recently purchased. This includes Free WiFi users, AMI, encrypted city laptop use and others.

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PROJECT OVERVIEW:

MSG will assist in the following areas to for Subscriber Management for WiFi services:

1.1 WiFi network design for each segment.
  1.1.1 Free Public WiFi
  1.1.2 Secured WiFi for City Employees
  1.1.3 Assisting with Secured Wifi for AMI devices (based on 3rd party specs)
1.2 Implement MSG-7000 Devices
1.3 Deployment and configuration.
1.4 Training SVP personnel.
1.5 Developing disaster recovery procedures.
1.6 MSG maintenance - monthly basis.

HARDWARE OVERVIEW:

Ownership and Warranty

Milton Security Group will possess full ownership of the MSG-7000 equipment.

The hardware warranty for the MSG-7000 devices is full replacement of the defective hardware during the term of this agreement. A warm spare will reside on the premises to be used as a replacement unit in case of a failure to a production MSG-7000 device. In addition a MSG-RP System and spare will be onsite

WORK PLAN OVERVIEW:

1) Implement Subscriber Management for WiFi Services

MSG will implement a hardware based subscriber management solution that provides a mechanism for providing WiFi access for Public use, City employees and AMI devices. The solution, an MSG-7000 device, will be deployed inline on the network, between the BAP locations and the SVP Network. The MSG-7000 device will provide admission and access control for all users on the WiFi network, providing granular control over how users access Network resources.

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Phase1: Free Public WiFi Access

The MSG-7000 will provide control over the administration and usage of the free, public WiFi area of the network. The following subscriber management functions will be implemented by the MSG-7000 to service the public WiFi area:

- Provide an informational splash page when users connect to the WiFi network.
- Limit allowable protocols on the network (ex: http, https).
- Provide point-to-point client IP addressing (/30 subnet mask) to eliminate client-to-client communication.
- Limit the allowable bandwidth per user.
- Implement time based access onto the network (if applicable)
- Registration requirements including email and user ID.
- Registration systems to maintain email, user ID, MAC address
- Monitoring to include time of use and bandwidth tracking per user.
- Reporting generation.

Phase2: AMI devices on WiFi

The MSG-7000 will provide admission control for AMI devices, allowing them to connect to the network and access the resources needed to function properly.

- Network admission based on VLAN and unique AMI MAC Address.
- Access control limited to AMI business purpose use.
- User event logs will be delivered to TriGeo Security Information Manager for accounting and troubleshooting.

Phase3: Secured WiFi Access for City Employees

As an identity-based access control device, the MSG-7000 can provide granular network access to the City employees based on their credentials. Using the current WiFi infrastructure, single SSID, City employees will launch an encrypted connection to gain access to the internal LAN.

- Require encrypted connection to MSG-7000 (L2TP+IPSEC, L2TP).

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- Allow for LAN IP addresses.
- Control network access and protocols that traverse network.
- Integrate Authentication with Active Directory

When the WiFi network is upgraded with multiple SSID support, the MSG-7000 can be reconfigured to apply admission and access control based on the SSID of the connecting user (via VLAN tag).

2) MSG-7000 Training

Milton Security Group will provide SVP support staff real time training on the usage and administration of the MSG-7000 devices for each of the above phases of the WiFi network. Topics will include the following:

- System overview
- Administrative configurations
- Troubleshooting techniques
- Report Writing and Creation

3) Disaster Recovery

During each of the above phases, MSG will work with SVP to develop disaster recovery processes, along with accompanying procedural documentation, to provide to the appropriate SVP operations team. The following topics will be included:

- MSG-7000 configuration backups
- MSG-7000 device failure

4) Manage Subscriber Management for WiFi Services

Ongoing Support

Milton Security Group will provide ongoing maintenance, support, development, design, report writing and assistance during this contract. This will include up to a maximum of 20 hours per month of either onsite or remote work to provide SVP with the needed resources to accomplish the goals outlined.

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PROJECT MANAGEMENT:

MSG will assign a project manager to manage all aspects of the project and be directly responsible for (1) managing schedules and budgets; (2) project planning; (3) technical oversight; and (4) reporting project outcomes.

SETUP COSTS:

MSG expects to be onsite doing the installation, testing and tuning and integrating the solution at Silicon Valley Power. Total Setup and Configuration Costs shall not exceed $4,500.

TRAVEL COSTS:

MSG will bill SVP actual travel costs (hotel, food, airfare, mileage, etc.) for the consultant traveling to Santa Clara. MSG will provide receipts and documentation support for all travel expenditures. MSG assumes a per diem food allowance of $30.00 per day and estimates that travel costs will not exceed $2,000 over the term of the contract

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MONTHLY COSTS:

MSG will provide services as identified below. Invoicing will be done at the start of the month for the coming month. This includes the rental of all required equipment, including warm spare units, and support.

	Monthly Standard Rate	City of Santa Clara SVP Monthly Rate	Yearly Rental Cost
Subscriber Mgmt System Rental and Support	$5,300.00	$3,950.00	$47,400.00

TOTAL PROJECT COSTS (First Year):

Setup Costs	Travel Costs	Monthly Costs	Total Costs
$4,500	$2,000	$47,400	$53,900

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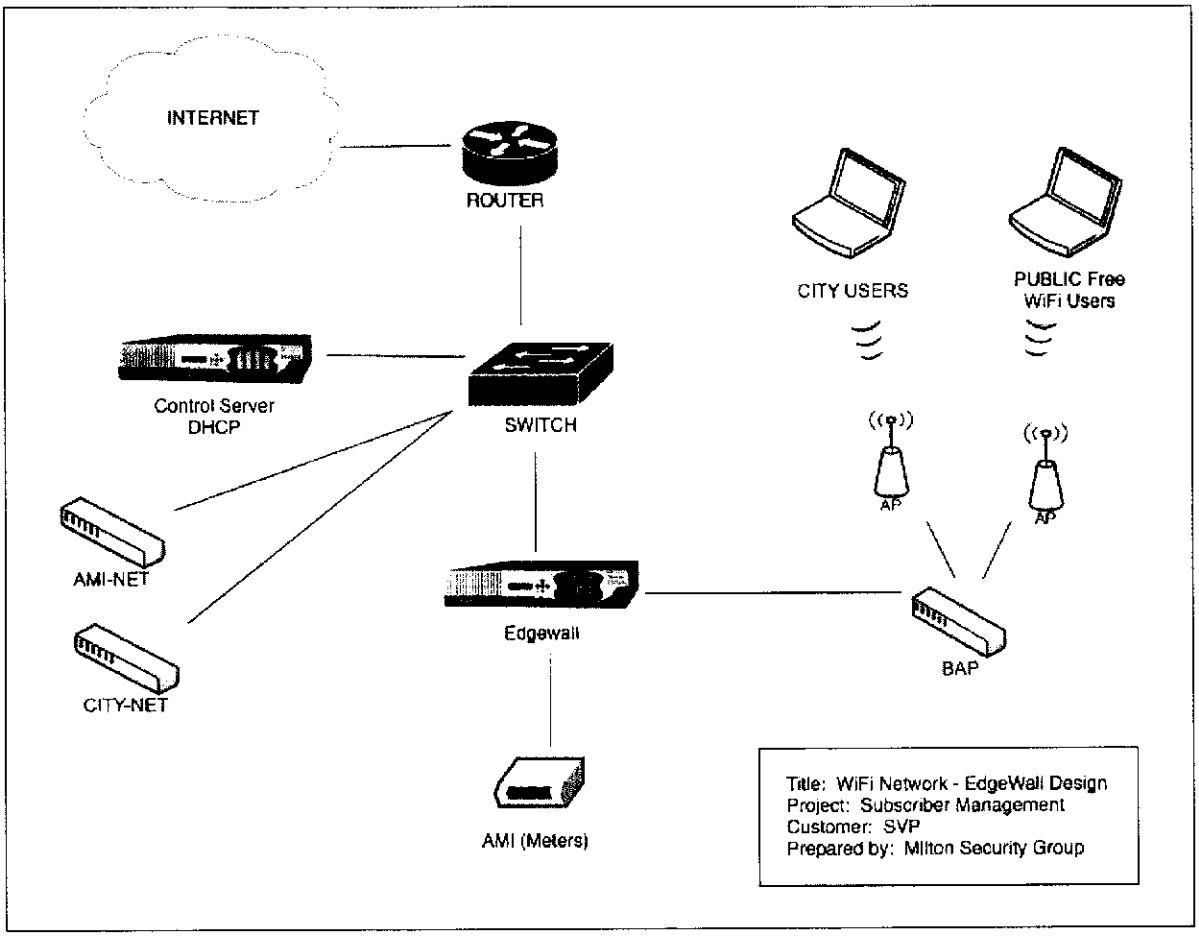
APPENDIX A: SAMPLE NETWORK DIAGRAM